

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 10. (CANCELLED)

11. (NEW) An activating assembly for a mine comprising:
an initializing part configured to contain an explosive substance and adapted to be attached to a mine, the initializing part having at least one surface formed of a material that may be corroded; and

a housing configured to receive the initializing part, the housing containing an aggressive substance;

wherein when the initializing part is received in the housing, the aggressive substance at least partially contacts the surface of the initializing part so that the surface corrodes after a predetermined period of time, the explosive substance therein mixing with the aggressive substance and neutralizing the explosive substance thereby disabling the initializing part.

12. (NEW) The activating assembly of claim 1 wherein the housing further comprises an ampoule which contains the aggressive substance, the ampoule releasing the aggressive substance when the initializing part is received in the housing.

13. (NEW) The activating assembly of claim 2 wherein the ampoule further comprises a bottom surface capable of being sealed after the ampoule is filled with the aggressive substance.

14. (NEW) The activating assembly of claim 2 wherein the ampoule further comprises a top surface having an annular groove which facilitates breaking when ampoule is contacted by the initializing part.

15. (NEW) The activating assembly of claim 1 further comprising a pipe adapted to be received within the housing, the pipe providing protection to the initializing part.

16. (NEW) The activating assembly of claim 5 wherein the pipe is disposed between the initializing part and the ampoule, the pipe configured to contact and break the ampoule and allow the aggressive substance to contact the surface of the initializing part.

17. (NEW) The activating assembly of claim 5 wherein the pipe is made of a material resistant to the corrosion of the aggressive material.

18. (NEW) The activating assembly of claim 5 wherein the pipe further comprises an upper surface, the upper surface configured to seal against the housing thereby preventing the aggressive substance from being released from the activating assembly.

19. (NEW) The activating assembly of claim 1 wherein the housing is made of a material resistant to the corrosion of the aggressive material.

20. (NEW) The activating assembly of claim 1 wherein the ampoule is located adjacent a bottom of the housing.

21. (NEW) The activating assembly of claim 1 wherein the pre-determined time may be adjusted by varying a concentration of the aggressive substance.

22. (NEW) A time-limited mine comprising:
a mine body configured to contain an explosive and having a bore containing a aggressive substance; and
the activating assembly including an initializing part configured to contain an initiating explosive substance and adapted to be received by the bore, the initializing part having at least one surface formed of a material that may be corroded by the aggressive substance;

wherein when the initializing part is received in the bore, the aggressive substance at least partially contacts the surface of the initializing part so that the surface corrodes after a predetermined period of time, the initiating explosive substance therein mixing with the aggressive substance and neutralizing the initiating explosive substance thereby disabling the activating assembly and deactivating the mine.

23. (NEW) The mine of claim 22 wherein the bore further includes an ampoule which contains the aggressive substance, the ampoule releasing the aggressive substance when the initializing part is received in the bore.

24. (NEW) The mine of claim 23 wherein the ampoule further comprises a bottom surface capable of being sealed after the ampoule is filled with the aggressive substance.

25. (NEW) The mine of claim 23 wherein the ampoule further comprises a top surface having an annular groove which facilitates breaking when contacted by the initializing part.

26. (NEW) The mine of claim 22 further comprising a pipe adapted to be received within the bore, the pipe providing protection to the initializing part.

27. (NEW) The mine of claim 26 wherein the pipe is disposed between the initializing part and the ampoule, the pipe configured to contact and break the ampoule and allow the aggressive substance to contact the surface of the initializing part.

28. (NEW) The mine of claim 26 wherein the pipe is made of a material resistant to the corrosion of the aggressive material.

29. (NEW) The mine of claim 26 wherein the pipe further comprises an upper surface, the upper surface configured to seal against the mine body thereby preventing the aggressive substance from being released from the activating assembly.

30. (NEW) The mine of claim 22 wherein the bore is made of a material resistant to the corrosion of the aggressive material.